Message

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Sent: 2/18/2019 4:41:55 PM
To: Dunlap, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=591eb15a268249dda0c05a7451f765c3-Dunlap, Dav]; Ross, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e062a18f48f1455295deebfb9bf7a30d-Ross, David]
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Subject: PFOS SETAC International Meeting
Attachments: PastedGraphic-6.pdf; SETAC FTM PFAS_Flyer.pdf

Dear Messrs. Dunlap and Ross

My co-chairs Andrea Hinwood, Thorhallur Halldorsson and I invite one of your senior scientists to participate and present on EPA's current thinking on its PFAS risk characterization at an upcoming session of the international SETAC PFAS meeting. The meeting will be held at on August 12-15, 2019, in the Durham Convention Center, North Carolina, details of which can be found at https://pfas.setac.org.

As you both know, fundamental differences exist between jurisdictions in the application of PFAS-specific study outcomes; in study choice; in use of toxicokinetics, and/or dosimetry, clearance rates, and modeling; and in the judgment of exposure and/or safety factors to derive ecological and human health safe doses and corresponding criteria (e.g., TLVs, Health Advisories). Our session on risk characterization is aimed at documenting these differences and providing an understanding of the rationale for the approaches used and the uncertainties around the corresponding criteria. It is proposed to use a panel session to address the basis on which jursidictions have developed criteria, and, where possible, to attain common ground on what might be used for risk characterisation going forward by allowing for debate amongst attendees.

The session will start with a brief overview on how different authorities have estimated safe concentrations (i.e., criteria/guidelines) from individual PFAS and mixtures in the environment/food to human and ecological receptors. This will be followed by a panel discussion of representatives from different authorities (5-10 minutes by each authority leaving time for a panel debate). EPA has been nominated to be one of these 5 authorities, hence our request to you for a senior scientist.

After this session, a more broadly inclusive break-out group will discuss topics such as:

- Support for choices of critical effect, appropriate experimental animal species, and uncertainty or safety factor;
- Scientific data used to select biological half-lives and other key toxicokinetic characteristics among specific species and between genders;
- Modelling approaches used to derive criteria;
- The chemical and physical properties used to estimate exposure and uptake;
- Consideration of an integrated approach for the development of human health and ecological criteria;
- Potential for use of a TEF approach and its basis for some PFAS compound classes; if so, which ones;

- Validation of exposure/ concentration, uptake, and effects; for example, a qualitative 'sensitivity analysis' of uncertainties; or a discussion on how the potential magnitude of these uncertainties affect jurisdictional criteria.

We hope that you will be able to provide a colleague to attend and participate in this international meeting. EPA's leadership in this field is highly valued.

Sincerely,

Michael L. Dourson, Ph.D., DABT, FATS, FSRA
Director of Science
Toxicology Excellence For Risk Assessment
A 501c3 environmental science NGO

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Executive Director Applied Science
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